

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"5818385".pn.	US-PGPUB; USPAT	OR	ON	2006/10/23 12:46
L2	47	("5818385").URPN.	USPAT	OR	ON	2006/10/23 13:54
L3	1	"5818385".pn.	USPAT	OR	ON	2006/10/23 13:54
L4	47	("5818385").URPN.	USPAT	OR	ON	2006/10/23 13:54
L5	47	("5818385").URPN.	USPAT	OR	ON	2006/10/23 13:55
L6	1	3 and weight\$3	USPAT	OR	ON	2006/10/23 13:55
L7	12	4 and weight\$3	USPAT	OR	ON	2006/10/23 13:55
L8	33	("3577080"   "3713167"   "3922685"   "4128740"   "4249181"   "4260994"   "4298873"   "4334230"   "4458219"   "4704734"   "4933680"   "4983981"   "5027125"   "5034752"   "5038148"   "5079557"   "5093923"   "5093924"   "5093927"   "5107273"   "5134709"   "5175878"   "5193101"   "5193109"   "5214364"   "5214789"   "5218367"   "5235633"   "5247701"   "5257030"   "5264862"   "5434973"   "5603089"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 13:58
L9	7	8 and (weight\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 13:59
L10	4958	(455/456.1,457,226.2,226.3,277.2, 562.1).ccls.	US-PGPUB; USPAT	OR	ON	2006/10/23 14:00
L11	1318	10 and (@ad<="19990628" or @rlad<="19990628" or @pd<="19990628")	US-PGPUB; USPAT	OR	ON	2006/10/23 14:00
L12	1318	10 and (@ad<="19990628" or @rlad<="19990628" or @pd<="19990628")	US-PGPUB; USPAT	OR	ON	2006/10/23 14:13
L13	1	"6091956".pn.	US-PGPUB; USPAT	OR	ON	2006/10/23 14:22
L14	1	"4804937".pn.	US-PGPUB; USPAT	OR	ON	2006/10/23 14:22
S1	2	"5592181".pn. or "6091956".pn.	US-PGPUB; USPAT	OR	ON	2006/10/21 05:44
S2	18	("5592181").URPN.	USPAT	OR	ON	2006/10/20 11:46
S3	0	hiroki near2 shiyouki	US-PGPUB; USPAT	OR	ON	2006/10/20 11:46
S4	107	hiroki near2 shiyouki	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/20 11:46

## EAST Search History

S5	2	S4 and (set adj weight)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/20 12:07
S6	3070	rfid and weight\$3	US-PGPUB; USPAT	OR	ON	2006/10/20 12:56
S7	497	S6 and (@ad<="19990628" or @rlad<="19990628" or @pd<="19990628")	US-PGPUB; USPAT	OR	ON	2006/10/23 14:00
S8	122	S7 and (direction near5 movement)	US-PGPUB; USPAT	OR	ON	2006/10/20 13:11
S9	1	S7 and ((direction near5 movement) near5 detect\$3)	US-PGPUB; USPAT	OR	ON	2006/10/20 16:10
S10	375	S6 and (direction near5 movement)	US-PGPUB; USPAT	OR	ON	2006/10/20 13:11
S11	669	rfid and (direction near5 movement)	US-PGPUB; USPAT	OR	ON	2006/10/20 13:11
S12	7	rfid and ((direction near5 movement) same (antenna adj2 array))	US-PGPUB; USPAT	OR	ON	2006/10/20 14:08
S13	34	("3697996"   "3938125"   "4679046"   "4962369"   "5068654"   "5168263"   "5189397"   "5245346"   "5258766"   "5450492"   "5453747"   "5467084"   "5491715"   "5495229"   "5533058"   "5541604"   "5572226"   "5594448"   "5608406"   "5629981"   "5648765"   "5689242"   "5708423"   "5751246"   "5751570"   "5850187"   "5874896"   "5923300"   "5963144"   "6054935"   "6069564"   "6147655"   "6229443"   "6265976").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 13:13
S14	10	((direction near5 movement) near5 (antenna adj2 array))	US-PGPUB; USPAT	OR	ON	2006/10/20 13:15
S15	37	((direction near5 movement) same (antenna adj2 array))	US-PGPUB; USPAT	OR	ON	2006/10/20 13:55
S16	17	("3832530"   "4135184"   "4663625"   "5221831"   "5258766"   "5327118"   "5842118"   "5923251"   "5929760"   "5963134"   "5973599"   "6034604"   "6069564"   "6094173"   "6127928"   "6351215"   "6517000").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 13:17
S17	125	("5963134").URPN.	USPAT	OR	ON	2006/10/20 13:21
S18	5	("4057803"   "4509052"   "4626859"   "4701762"   "5227803").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 13:31
S19	36	("5227803").URPN.	USPAT	OR	ON	2006/10/20 13:31

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S20	49	("3868640"   "4303910"   "4471345"   "4528663"   "4656463"   "4675656"   "4691202"   "4862160"   "4955038"   "5153878"   "5175729"   "5220557"   "5227803"   "5266925"   "5272476"   "5305008"   "5351052"   "5416468"   "5425032"   "5448242"   "5450087"   "5453747"   "5471212"   "5488376"   "5525992"   "5525994"   "5528232"   "5539394"   "5565858"   "5621412"   "5633875"   "5640151"   "5668803"   "5686902"   "5721733"   "5729695"   "5737330"   "5742237"   "5745037"   "5804810"   "5822714"   "5841365"   "5857152"   "5870029"   "5874902"   "5886634"   "5973613"   "6232877"   "6462660").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 13:32
S21	1	"5936527".pn.	US-PGPUB; USPAT	OR	ON	2006/10/20 13:37
S22	20	("6094173").URPN.	USPAT	OR	ON	2006/10/20 13:39
S23	8	("2399382"   "3838409"   "4272083"   "4654658"   "5258766"   "5621199"   "5923300").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 13:42
S24	125	("5963134").URPN.	USPAT	OR	ON	2006/10/20 13:46
S25	19	"5592181"	USPAT	OR	ON	2006/10/20 13:46
S26	23	("20020008656"   "4565996"   "4595915"   "4728955"   "4739328"   "5510795"   "5552788"   "5572220"   "5592181"   "5648767"   "5657027"   "5675342"   "5701127"   "5710566"   "5751227"   "5790052"   "5952922"   "6046683"   "6137411"   "6169519"   "6184841"   "6437706"   "6476756").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 13:46
S27	5	("4057803"   "4509052"   "4626859"   "4701762"   "5227803").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 13:49
S28	36	("5227803").URPN.	USPAT	OR	ON	2006/10/20 13:50
S29	50	(direction near5 movement) and (antenna adj2 array) and (field adj2 strength)	US-PGPUB; USPAT	OR	ON	2006/10/20 14:07
S30	14	("5260968"   "5596333"   "5603089"   "5680142"   "5708441"   "5778324"   "5815116"   "5818386"   "5861843"   "5873048"   "5893033"   "5914946"   "5924040"   "5936569").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 14:02

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S31	14	("5260968"   "5596333"   "5603089"   "5680142"   "5708441"   "5778324"   "5815116"   "5818386"   "5861843"   "5873048"   "5893033"   "5914946"   "5924040"   "5936569").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/20 14:03
S32	0	"5592181".bi.	US-PGPUB; USPAT	OR	ON	2006/10/20 14:08
S33	7	rfid and ((direction near5 movement) same (antenna adj2 array))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/20 14:09
S34	0	((direction near5 movement) same (antenna adj2 array))	EPO; JPO; DERWENT	OR	ON	2006/10/20 14:09
S35	1	((direction near5 movement) and (antenna adj2 array))	EPO; JPO; DERWENT	OR	ON	2006/10/20 14:09
S36	21	((direction and movement) and (antenna adj2 array))	EPO; JPO; DERWENT	OR	ON	2006/10/20 14:09
S37	1	"6087986".pn.	US-PGPUB; USPAT	OR	ON	2006/10/20 14:23
S38	36	"5307349"	US-PGPUB; USPAT	OR	ON	2006/10/20 14:23
S39	1	"5307349".pn.	US-PGPUB; USPAT	OR	ON	2006/10/20 14:23
S40	2	"5227803".pn. or "5592181".pn.	US-PGPUB; USPAT	OR	ON	2006/10/20 14:43
S41	0	S40 and (strength near3 signal)	US-PGPUB; USPAT	OR	ON	2006/10/20 14:43
S42	0	S40 and (strength same signal)	US-PGPUB; USPAT	OR	ON	2006/10/20 14:43
S43	0	compar\$3 near5 (strength near3 signal)	US-PGPUB; USPAT	OR	ON	2006/10/20 14:44
S44	13	(strength near3 signal)	US-PGPUB; USPAT	OR	ON	2006/10/20 14:44
S45	3931	compar\$3 near5 (signal adj3 noise)	US-PGPUB; USPAT	OR	ON	2006/10/20 14:45
S46	95	S45 and (array adj2 antenna)	US-PGPUB; USPAT	OR	ON	2006/10/20 14:45
S47	8	S45 same (array adj2 antenna)	US-PGPUB; USPAT	OR	ON	2006/10/20 14:45
S48	1	"6091956".pn.	US-PGPUB; USPAT	OR	ON	2006/10/20 15:20
S49	30	(angle adj2 arrival) near5 (snr or (signal adj3 ratio))	US-PGPUB; USPAT	OR	ON	2006/10/20 15:37
S50	24	(AOA) near5 (snr or (signal adj3 ratio))	US-PGPUB; USPAT	OR	ON	2006/10/20 15:37

## EAST Search History

S51	24	(AOA) near5 (snr or (signal adj3 ratio) or "S/R" or "E/R")	US-PGPUB; USPAT	OR	ON	2006/10/20 15:38
S52	37	((direction or tack\$3) near5 movement) same (antenna adj2 array)	US-PGPUB; USPAT	OR	ON	2006/10/20 16:27
S53	116	(antenna adj2 array) same ((mark\$3 or flag\$4 or indicat\$4) near4 (location or position))	US-PGPUB; USPAT	OR	ON	2006/10/23 11:33
S54	127	(antenna adj2 array) same ((mark\$3 or flag\$4 or indicat\$4) near4 (location or position or movement))	US-PGPUB; USPAT	OR	ON	2006/10/23 11:38
S55	60	S54 and (@ad<="19990628" or @rlad<="19990628" or @pd<="19990628")	US-PGPUB; USPAT	OR	ON	2006/10/23 11:44
S56	0	yoshihiko near kuwabara	US-PGPUB; USPAT	OR	ON	2006/10/23 11:48
S57	5402	yoshihiko	US-PGPUB; USPAT	OR	ON	2006/10/23 11:48
S58	18	S57 and (antenna adj2 array)	US-PGPUB; USPAT	OR	ON	2006/10/23 11:48
S59	16	("6070079").URPN.	USPAT	OR	ON	2006/10/23 11:51